

U. S. Department of Agriculture
Agricultural Marketing Service
and
U. S. Department of Commerce
Weather Bureau

Nebr. Dept. of Agr. & Inspection
Division of Agr'l. Statistics
and
Agricultural Extension Service
Of Nebr. College of Agr.

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Released 7-20-54 - 11:00 A.M.

Week Ending 7-19-54

WEATHER Unseasonably hot weather prevailed early in the week and toward the end, but temperatures were near normal during the middle. Average temperatures were 4° to 6° above normal. Moderate to locally heavy rains fell over the southern portion of the Panhandle, but there was none of consequence elsewhere. There was practically full sunshine. Winds were generally lighter than normal.

CROPS Corn shows considerable deterioration during the past week, following a slight deterioration the previous week. The number of white caps have increased, and also heavy curling and some firing in local areas. Growth has been stunted in drier localities and corn is becoming bushy.

About 8% of the corn had tasseled in the eastern third of the State by the close of last week, with a few tassels appearing on early corn in the central portion. Much of the corn is now in its critical stage of development, but with rain and lower temperatures this week, the State could still produce a good crop.

The rainfall maps show that most of the corn counties received a good rain for the week ending June 18. Northeastern and north-central counties received a good rain the week ending June 25. There were a few local heavy rains for the week ending July 2 and a few counties in the southeastern quarter of the State received fairly substantial rains for the week ending July 9. There was no rain for the week ending July 16, except in a few extreme southeastern counties. All of the corn needs rain badly. Continued drouth with high temperatures can soon ruin the crop.

Wheat harvest is practically completed, except in the northern portion of the Panhandle which should be completed this week. Yields continue to vary with some indication of lower returns. The harvest of oats and barley is nearing completion, except in the northern half of the State. Yields vary but there are many high yields and the average is very good.

The dry, hot weather has been very severe on alfalfa and pastures. The third crop of alfalfa is not making any growth. Pastures over much of the southern part of the State have turned brown, limiting the amount of feed for livestock. Considerable of the wild hay in north-central Nebraska has been cut.

Sorghum crops are curling but undamaged so far. Some of the Sudan grass has started to burn. A 1.2 inch rain at Scottsbluff brought some relief but crops are threatened with a shortage of water for irrigation. Water for irrigation is being released rapidly from the Kingsley Reservoir. The stream flow from the Platte river is almost nil. Irrigation pumps are running full blast.

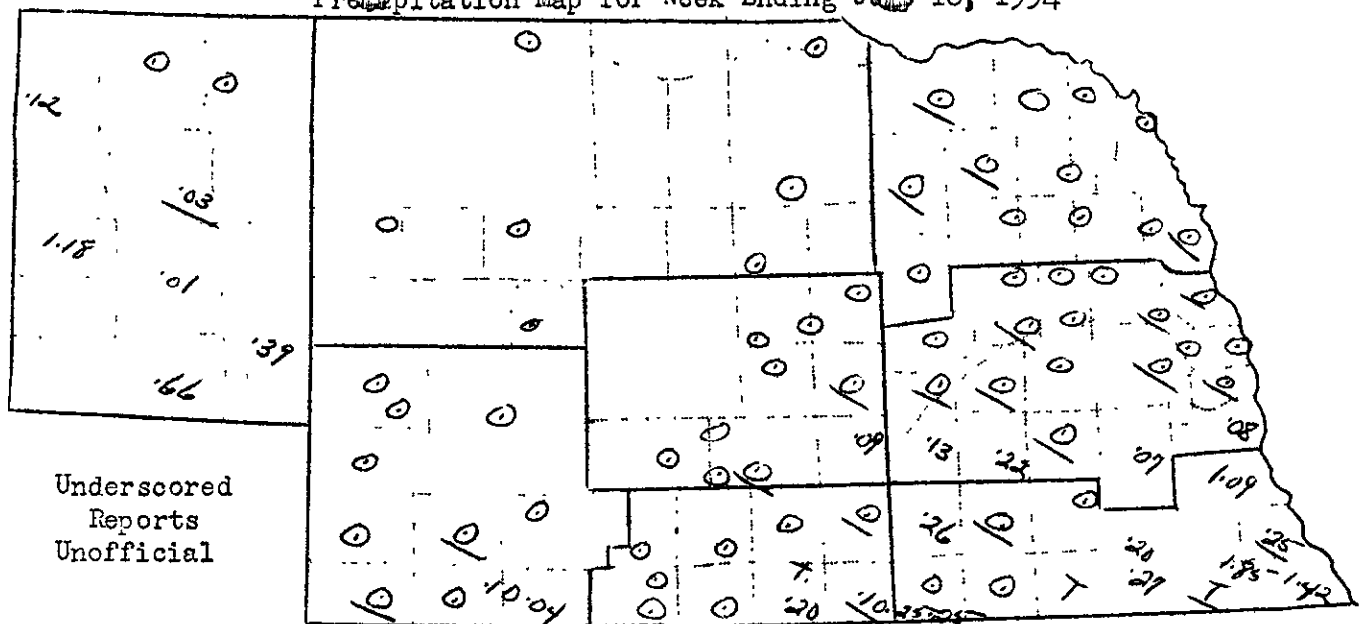
WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING JULY 19, 1954

<u>Eastern Division</u>		<u>Central Division</u>		<u>Western Division</u>	
Grand Island	0	Burwell	0	Chadron	.03
Lincoln	0	Lexington	.02	Imperial	.09
Norfolk	0	North Platte	0	Scottsbluff	1.18
Omaha	0	Valentine	0	Sidney	1.73
Sioux City	0				

Precipitation, April 1 - July 16, 1954

	<u>Eastern Div.</u>	<u>Central Div.</u>	<u>Western Div.</u>
Total past week	0.19	0.01	0.20
Total since April 1	11.51	7.54	6.51
Normal since April 1	12.97	11.06	9.05

Precipitation Map for Week Ending July 16, 1954



HIGHEST AND LOWEST TEMPERATURES (High for 24 hours ending 12:30 a.m., and low for 12 hours ending 6:30 a.m. CST)

		July		13th		14th		15th		16th		17th		18th		19th	
				Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	110	67	---	68	86	64	95	65	99	69	98	64	100	62		
	Scottsbluff	105	67	103	62	80	60	93	66	95	68	92	64	92	65		
	Sidney	105	63	106	62	--	58	90	64	98	64	96	64	89	63		
N-C	Burwell	---	--	---	--	85	60	90	64	101	66	102	71	101	66		
	Valentine	104	74	107	66	81	55	87	70	100	75	91	72	93	65		
NE	Norfolk	100	73	111	74	88	62	89	72	97	70	97	71	94	72		
	Sioux City	99	73	103	76	88	61	91	66	92	74	---	--	91	70		
CEN.	Grand Island	106	73	108	76	91	66	89	72	101	66	104	72	102	70		
	Lexington	107	66	107	73	90	63	90	68	101	62	106	67	101	67		
E-C	Lincoln	102	81	108	79	91	67	88	74	91	72	106	74	100	77		
	Omaha	102	79	108	78	93	65	91	75	94	72	103	75	100	75		
SW	Imperial	109	69	108	73	--	61	92	63	103	64	105	70	97	62		
	North Platte	107	68	108	70	85	64	87	64	101	66	105	72	98	67		

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